



Dhyey Mavani <dmavani25@amherst.edu>

[Quant Club] Logistics + 11/17 Meeting (Sunday 7:00-8:30 PM Beneski 107 - Paino)

1 message

Trading Club Amherst College <trading@amherst.edu>

Sun, Nov 17, 2024 at 3:58 PM

To: Amherst Quant Trading <amherst-quant-trading-l@amherst.edu>, b19f6aed-ddbc-9ddb-ce9b-1a97572c0846@relay.engage.campuslabs.com

Dear Quant Enthusiasts,

Thank you so much for attending our last meeting! Sorry for the delay in emailing this time around. If you weren't able to attend, refer to our [github](#) for information. Please join our [slack channel](#) if you haven't already done so for real-time updates.

Next Meeting Logistics:

- **Date:** Sunday 11/17
- **Location:** Beneski 107 (Paino Lecture Hall)
- **Time:** 7pm - 8:30pm

Agenda:

- Projects Group Discussions + Time to work together & get advice/direction
- Brain Teaser Activity
- Q&A regarding club, recruiting, etc.

Brainteaser:

The solution to last week's brain teaser is attached below. Here is the new set brain teasers:

- Suppose that we have two datasets X and Y with $\text{Var}(X) = 1$ and $\text{Var}(Y) = 20$. We perform the linear regression $\hat{y} = \alpha + \beta x$ and obtain $\hat{\beta} = 1$. Suppose now that we perform the regression $\hat{x} = \alpha + \beta y$. Find $\hat{\beta}$.
- Derivation of Linear Regression & the like ;) Mini-Advanced Econometrics tour!

Sincerely,
Dhyey

Dhyey D. Mavani

**Computer Science, Math (Honors) & Statistics (Honors) triple-major
Amherst College Class of 2025**

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Available in Eastern Time Zone (Preferably Tue and Thu)

Loeb Center's Peer Career Advising Role Hours (Appt. on Handshake):

- **Weekly 1:1 Career Guidance:** Tuesday 12:00 noon to 2:00 PM (Loeb Center)
- **PCA Resume Review Clinics:** Wednesday 6:30 PM - 8:00 PM (Morgan 110)

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11-10 Brainteasers Solution.pdf

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